Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, on the invention entitled CALIBRATION OF NEAR INFRARED QUANTITATIVE MEASUREMENT DEVICE USING OPTICAL MEASUREMENT CROSS-PRODUCTS, the specification of which

| □ [X] | is attached h | ereto. | | | |
|--|---|--|---|--|---|
| (X) () () () () | was filed on | G 1 N | | | |
| ₩. I.: | | | o | | |
| | and was amen | aea on | | | |
| hereby statabove-identifamendment refundament refundam | ied specificat erred to above the duty to d in accordance m foreign priof any foreign isted below an or patent or i | disclose : with Tire prity bendapplicat; do have a | and understand t luding the claims information which tle 37, Code of F efits under Title ion(s) for patent lso identified be s certificate hav hich priority is | is material dederal Regression 35, United or inventolow any folions a filing | ed by any al to ulations, d States or's reign |
| | Application(s | | | Priority _ [] | Claimed |
| (Number |) (Co | untry) | (Day/Month/Year |) Yes | No |
| Prior Foreign | Application(s | ;) | | Priority | Claimed |
| (Number |) (Cc | ountry) | (Day/Month/Year | Yes | No |
| - | | | tle 35, United St | | § 119(e) |

or any United States provisional application(s) listed below.

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing Date) | (Status) |
|--------------------------|---------------|----------|
| (Application Serial No.) | (Filing Date) | (Status) |

L or we hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark office connected therewith, and request that all correspondence about the application be addressed to ROTHWELL, FIGG, ERNST & KURZ, p.c., Suite 701-E, 555 13th Street, N.W., Washington, D.C 20004

G. Franklin Rothwell, Reg. No. 18,125 E. Anthony Figg, Reg. No. 27,195 Barbara G. Ernst, Reg. No. 30,377 George R. Repper, Reg. No. 31,414 Bart G. Newland, Reg. No. 31,282 Vincent M. DeLuca, Reg. No. 32,408 Joseph A. Hynds, Reg. No. 34,627 Robert J. Jondle, Reg. No. 33,915 Jeffrey L. Ihnen, Reg. No. 28,957 Don M. Kerr, Reg. No. 22,720 Glenn E. Karta, Reg. No. 30,649 Mark I. Bowditch, Reg. No. 40,315 Jeffrey W. Rennecker, Reg. No. 40,784 Stephen A. Saxe, Reg. No. 38,609 Richard Wydeven, Reg. No. 39,881 Martha Cassidy, Reg. No. 44,066 Julie A. Nelson, Reg. No. 46,301 Kevin G. Shaw, Reg. No. 43,110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may

jeopardize the validity of the application or any patent issuing thereon.

| FIRST NAMED INVENTOR | SIGNATURE | DATE |
|--|--------------------------------------|-------------|
| David E. Honigs | Waril Elgs | 7/30/2000 |
| RESIDENCE | | CITIZENSHIP |
| 11772 Meadowlark Avenue | e, Hagerstown, MD 21742 | U.S. |
| POST OFFICE ADDRESS (Same as Above) | | |
| SECOND NAMED INVENTOR | SIGNATURE | DATE |
| | Mal Nott | 6/23/2000 |
| Robert D. Rosenthal RESIDENCE | 10000 | CITIZENSHIP |
| RESIDENCE | | CITIBENSHII |
| | <u> Montgomery Village, MD 20886</u> | U.S. |
| T POST OFFICE ADDRESS (Same as Above) | | |
| ·(F) | | |